

Benchmark Examination Test Item Map
Number of Test Questions by Performance Standard in
Reading, Writing and Mathematics: Grade 3

Performance Standards: Reading and Writing	Number of Test Questions			Percent of Emphasis	Total Raw Score
	Multiple- choice	Short Response	Extended Response		
Reading Totals	30	5	1	100%	42
R1.1 Use phonics; recognize common words	4			10%	4
R1.2 Comprehend literal meaning; use strategies	5	1		14%	6
R1.4 Retell or restate information	3	1		12%	5
R1.5 Identify main idea	4	1		14%	6
R1.6 Read and follow simple directions	3	1		12%	5
R1.7 Identify forms of texts	4			10%	4
R1.8 Identify basic story elements	2	1	1	17%	7
R1.10 Make connections	5			12%	5
Writing Totals	30	5	1	100%	55
W1.1 Write complete sentences and stories	11	2	1	45%	25
W1.2 Write for audiences					
W1.3 Proofread writing for spelling, capitalization, and punctuation	12	2		40%	22
W1.4 Revise writing for detail and clarity	7	1		15%	8

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Performance Standards: Mathematics	Number of Test Questions			Percent of Emphasis	Total Raw Score Points
	Multiple - choice	Short Response	Extended Response		
A1: Numeration	6	1		18%	8
A1.1.1 Read, write, order, count, and model one-to-one correspondence with whole numbers beyond 100.	2				
A1.1.2 Use, model, and identify place value positions of 1's, 10's, and 100's.	2				
A1.1.3 Model and explain the processes of addition and subtraction, describing the relationship between the operations.					
A1.1.4 Select and use various representations of ordinal and cardinal numbers.					
A1.1.5 Identify, model, and label simple fractions, describing and defining them as equal parts of a whole a region or a set.	1	1			
A1.1.6 Identify, describe and extend patterns inherent in the number system. Skip count by 2's, 5's, and 10's. Add and subtract by 10's. Identify even and odd numbers.	1				
A1.1.7 Demonstrate the commutative and identity properties of addition.					
A2: Measurement	5	1		16%	7
A2.1.1 Compare and order objects by various measurable attributes (including calendar, temperature, length, weight, capacity, area, and volume).	1				
A2.1.2 Compare objects to standard and non-standard units to identify objects that are greater than, less than, and equal to a given unit.	1				

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A2.1.4 Choose a unit of measure, and estimate the length and weight of objects and then measure to check for reasonableness.	2				
A2.1.5 Tell time to the nearest half hour, distinguishing between morning, afternoon, and evening.	1				
A2.1.6 Identify coins, their value, and the value of given sets of coins.		1			
A3: Estimation and Computation	7	1		20%	9
A3.1.1 Make reasonable estimates of “how many” and “how much”; estimate the results of simple addition and subtraction problems.	2				
A3.1.2 Recall and use basic addition and subtraction facts orally and with paper and pencil without a calculator.					
A3.1.3 Add and subtract whole numbers to 100, using a variety of models and algorithms.	3				
A3.1.4 Model multiplication as repeated addition and grouping objects; model division as “sharing equally” and grouping objects.	2	1			
A4: Functions and Relationships	4	1		14%	6
A4.1.1 Recognize, describe, create, and extend repeating and increasing patterns with a variety of materials including symbols, objects, and manipulatives.	1	1			
A4.1.2 Generate and solve simple functions by identifying and applying addition and subtraction patterns.	1				

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A4.1.3 Use a calculator to find and extend patterns in the number system.	1				
A4.1.5 Complete open space sentences with missing numbers, use appropriate vocabulary including greater than, less than, and equal to and use the correct symbols.	1				
A5: Geometry	5	1		16%	7
A5.1.1 Identify, sort, describe, model, and compare circles, and rectangles including squares, regardless of orientation	1	1			
A5.1.2 Identify, sort, describe, model, and compare plane and solid figures including cubes, cylinders, spheres.	1				
A5.1.3 Identify and create examples of line symmetry; compare and describe given circles, triangles, and rectangles as larger, smaller, or congruent.	2				
A5.1.4 Demonstrate conservation of area using drawings or manipulatives					
A5.1.5 Recognize geometric shapes in the environment.	1				
A5.1.6 Use comparative directional and positional words: above, below, inside, outside, on, in, right and left, horizontal, vertical, and middle.					
A5.1.7 Draw and build familiar shapes.					

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A6: Statistics and Probability	3		1	16%	7
A6.1.1 Collect, record, organize, display, and explain the classification of data.	1		1		
A6.1.2 Describe data from a variety of visual displays including tallies, tables, pictographs, and bar graphs, and Venn diagrams.	1				
A6.1.3 Use the terms maximum and minimum when working with a data set.					
A6.1.5 Find and record the possibilities of simple probability experiments; explain differences between chance and certainty, giving examples.	1				
A6.1.6 Conduct a survey and tally the results.					